

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C07D333/64 C07D307/83 A61K31/381 A61K31/343

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DARIAS, V. ET AL: "Bicyclic thiophenic derivatives as platelet aggregation inhibitors" FARMACO, EDIZIONE SCIENTIFICA, 41(6), 478-82 CODEN: FRPSAX; ISSN: 0430-0920, 1986, XP001194422 page 479; examples A-C -----	1-21
X	CONDE, SANTIAGO ET AL: "Analogos of propranolol. Synthesis of 3-alkylamino-1-(3-benzo[b]thienyloxy)-2-propanols" JOURNAL OF HETEROCYCLIC CHEMISTRY, 17(5), 937-40 CODEN: JHTCAD; ISSN: 0022-152X, 1980, XP002286806 page 937 ----- -/--	1-16



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

18 February 2005

Date of mailing of the international search report

28/02/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WITIAK, DONALD T. ET AL: "9-Chloro-2,3-dihydro-5H-1,4-dioxepino'6,5-b!benzofuran, a novel antilipidemic agent structurally related to clofibrate" JOURNAL OF MEDICINAL CHEMISTRY , 18(10), 992-6 CODEN: JMCMAR; ISSN: 0022-2623, 1975, XP002286807 page 993; example 11 -----	1-28
A	CONNOR, DAVID T. ET AL: "Novel benzothiophene-, benzofuran-, and naphthalenecarboxamidotetrazoles as potential antiallergy agents" JOURNAL OF MEDICINAL CHEMISTRY , 35(5), 958-65 CODEN: JMCMAR; ISSN: 0022-2623, 1992, XP002286756	1-28
X	page 959; examples 3f,3r,13f,13r; tables I,II -----	1-21
X	TONDEUR, R. ET AL: "Benzofuran series. XXXV. Amino derivatives of 3-benzofuranol" CHIMICA TERAPEUTICA , 3(5), 356-9 CODEN: CHTPBA; ISSN: 0009-4374, 1968, XP009033121 page 358 -----	1-16
A	SVOBODA, JIRI ET AL: "Synthesis of '1!benzothieno'3,2-b!furan - a new fused benzoheterocyclic system" COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS , 58(12), 2983-6 CODEN: CCCCAK; ISSN: 0010-0765, 1993, XP009033071 page 2984; example II -----	1-28
A	VAIDYA, V. P. ET AL: "Studies in benzofurans: Part XIV. Synthesis of benzofuran and benzofuro'3,2-b!furan derivatives of pharmacological interest" INDIAN JOURNAL OF CHEMISTRY, SECTION B: ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY , 22B(5), 462-4 CODEN: IJSBDB; ISSN: 0376-4699, 1983, XP009033083 page 462; examples 2a,2b -----	1-28
A	KARCHE, NAVNATH P. ET AL: "Electronic Effects in Migratory Groups. '1,4!- versus '1,2!-Rearrangement in Rhodium Carbenoid Generated Bicyclic Oxonium Ylides" JOURNAL OF ORGANIC CHEMISTRY , 66(19), 6323-6332 CODEN: JOCEAH; ISSN: 0022-3263, 2001, XP002286808 page 6325; examples 9a-f ----- -/--	1-28

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BOSCHELLI, DIANE H. ET AL: "Inhibition of E-Selectin-, ICAM-1-, and VCAM-1-Mediated Cell Adhesion by Benzo[b]thiophene-, Benzofuran-, Indole-, and Naphthalene-2-carboxamides: Identification of PD 144795 as an Antiinflammatory Agent" JOURNAL OF MEDICINAL CHEMISTRY , 38(22), 4597-614 CODEN: JMCMAR; ISSN: 0022-2623, 1995, XP002286757 page 4600; example 15; table 2 -----	1-28
A	BOSCHELLI, DIANE H. ET AL: "3-Alkoxybenzo[b]thiophene-2-carboxamides as Inhibitors of Neutrophil-Endothelial Cell Adhesion" JOURNAL OF MEDICINAL CHEMISTRY , 37(6), 717-18 CODEN: JMCMAR; ISSN: 0022-2623, 1994, XP002286755 page 718; example 14 -----	1-28
A	SVOBODA, JIRI ET AL: "Application of magnesium alkoxides to syntheses of benzoheterocyclic compounds" COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS , 58(3), 592-9 CODEN: CCCCAK; ISSN: 0010-0765, 1993, XP001194423 page 594 -----	1-16
A	NORRIS, ROBERT K. ET AL: "Some studies on the reversibility of the association step in SRN1 reactions" AUSTRALIAN JOURNAL OF CHEMISTRY , 38(7), 1107-16 CODEN: AJCHAS; ISSN: 0004-9425, 1985, XP009033098 page 1112; examples 16a,16b -----	1-28
A	BECK, JAMES R.: "'1-Benzothieno[3,2-b]furan derivatives" JOURNAL OF HETEROCYCLIC CHEMISTRY , 12(5), 1037-8 CODEN: JHTCAD; ISSN: 0022-152X, 1975, XP002286809 page 1037 -----	1-28
A	WO 99/61435 A (AMERICAN HOME PROD) 2 December 1999 (1999-12-02) the whole document -----	1-28
A	EP 0 897 918 A (LILLY CO ELI) 24 February 1999 (1999-02-24) the whole document -----	1-28

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012075

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9961435	A	02-12-1999	AU 756337 B2	09-01-2003
			AU 3893999 A	13-12-1999
			BG 104918 A	31-08-2001
			BR 9911779 A	06-02-2001
			CA 2330620 A1	02-12-1999
			CN 1308626 T	15-08-2001
			EE 200000653 A	15-04-2002
			EP 1077969 A1	28-02-2001
			HR 20000767 A1	31-10-2001
			HU 0101792 A2	28-01-2002
			ID 26244 A	07-12-2000
			JP 2002516321 T	04-06-2002
			NO 20005677 A	05-12-2000
			PL 344081 A1	24-09-2001
			SK 16992000 A3	09-04-2001
			TR 200003333 T2	21-02-2001
			TW 510900 B	21-11-2002
			WO 9961435 A1	02-12-1999
			ZA 200005961 A	24-10-2001
EP 0897918	A	24-02-1999	AU 8695298 A	01-03-1999
			EP 0897918 A1	24-02-1999
			WO 9907694 A1	18-02-1999
			US 5908859 A	01-06-1999